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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/893,031	06/27/2001	Stephen Peter de Jong	MS174299.1	3412
27195	7590	11/24/2004	EXAMINER	
AMIN & TUROCY, LLP 24TH FLOOR, NATIONAL CITY CENTER 1900 EAST NINTH STREET CLEVELAND, OH 44114			HARRELL, ROBERT B	
			ART UNIT	PAPER NUMBER
			2142	

DATE MAILED: 11/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/893,031	DE JONG ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Robert B. Harrell	2142	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 27 June 2001 et al.  
 2a) This action is FINAL.                            2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-56 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-56 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on 27 June 2001 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) Notice of References Cited (PTO-892)  
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  
 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
 Paper No(s)/Mail Date 20020116&20030825.

4) Interview Summary (PTO-413)  
 Paper No(s)/Mail Date. \_\_\_\_\_.  
 5) Notice of Informal Patent Application (PTO-152)  
 6) Other: see attached Office Action.

1. Claims 1-56 are presented for examination.
2. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.
3. The applicant should use this period for response to thoroughly and very closely proof read and review the whole of the application for correct correlation between reference numerals in the textual portion of the Specification and Drawings along with any minor spelling errors, general typographical errors, accuracy, assurance of proper use for Trademarks <sup>TM</sup>, and other legal symbols <sup>®</sup>, where required, and clarity of meaning in the Specification, Drawings, and specifically the claims (i.e., insert "of" in claim 1 (line 8) prior to "the"). Minor typographical errors could render a Patent unenforceable and so the applicant is strongly encouraged to aid in this endeavor.
4. The following is a quotation of the second paragraph of 35 U.S.C 112:

**The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.**

5. Claims 1-56 are rejected under 35 U.S.C 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the applicant regards as the invention. The scope of meaning of the following claim language is not clear:

- a) "the invariants"--claim 1 (line 7);
- b) "the object itself"--claim 15 (line 8);
- c) "the object in a third party object"--claim 15 (line 9);
- d) "the deserialization process" – claim 21 (lines 10-11) and claim 42 (line 9);
- e) "the serialization information" – claim 25 (line 10)[(note lines 5 and 7 of claim 25) which "serialization information" is "the serialization information"?];
- f) "the class"--claim 25 (last two lines)[suggest adding "type" at the end of the claim];
- g) "the deserialization"--claim 34 (line 10)[note lines 6 "objects can be serialized" and line 9 "deserialization of an object"];
- h) "The architecture of claim 21" – claim 39 (line 1)[claim 21 is a system];
- i) "this serialization information" – claim 40 (lines 10-11)[(note lines 7 and 9 of claim 40) which "serialization information" is "this serialization information"?];
- j) "the object" – claim 45 (line 4);
- k) "the pluggable formatter" – claim 55 (lines 7-8).

6. As to 5 (a-k) above, these are but a few examples of numerous cases where clear antecedent bases are lacking and not an exhausting recital. Any other term(s) or phrase(s) overlooked by examiner and not listed above which start with either "the" or

"said" and do not have a single proper antecedent bases also is indefinite for the reasons outlined in this paragraph. Also, these are but a few examples where term(s) or phrase(s) are introduced more than once without adequate use of either "the" or "said" for the subsequent use of the term(s) or phrase(s). Moreover, multiple introduction of a term, or changes in tense, results in a lack of clear antecedent bases for term(s) or phrase(s) which relied upon the introduced term. Failure to correct all existing cases where clear antecedent bases are lacking can be viewed as non-responsive.

7. The claims are allowable over the art of record since the art of record failed to teach or remotely suggest the invention as currently defined by the claims.

8. A shortened statutory period for response to this action is set to expire 3 (three) months and 0 (zero) days from the date of this letter. Failure to respond within the period for response will cause the application to become abandoned (see MPEP 710.02, 710.02(b)).

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert B. Harrell whose telephone number is (571) 272-3895. The examiner can normally be reached Monday thru Friday from 5:30 am to 2:00 pm and on weekends from 6:00 am to 12 noon Eastern Standard Time.

10. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack B. Harvey, can be reached on (571) 272-3896. The fax phone number for all papers is (703) 872-9306.

11. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-9600.



ROBERT B. HARRELL  
PRIMARY EXAMINER  
GROUP 2142